

Extension Service

Please note: There is a \$2.00 Shipping and Handling fee per sample for non-commercial users.

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| S1 Routine Test [pH, lime requirement (pH), available phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), zinc (Zn), manganese (Mn)] Farmer Non-Farmer Consultant/Fertilizer Dealer (All Crop Codes) | \$2.00 \$6.00 \$4.00 |
| S2 Boron - hot water extractable (B) | \$7.00 |
| S3 CEC (Cation Exchange Capacity) Sodium (S1 test required) | \$5.00 |
| S4 Soluble Salts (electrical conductivity - EC) | \$7.00 |
| S5 Texture/Mechanical (sand, silt, clay) | \$9.00 |
| S6 Organic Matter | \$5.00 |
| S7 Nitrate (available NO ₃ -N) | \$8.00 |
| S8 Ammonium (available NH ₄ -N) | \$8.00 |
| S9 Total Nitrogen (combustion method) | \$6.00 |
| S10 Total Sulfur (combustion method) | \$6.00 |
| S11 Greenhouse/Nursery Test (artificial mixes only) [pH, available phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), nitrate (NO ₃ -N), ammonium (NH ₄ -H), soluble salts] | \$20.00 |
| S12 pH only (greenhouse/nursery media only) | \$8.00 |
| S13 Total Elemental Analysis (not for fertilizer recommendations) [total phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), Sulfur (S), manganese (Mn), Iron (Fe), aluminum (Al), boron (B), copper (Cu), zinc (Zn), sodium (Na), lead (Pb), cadmium (Cd), chromium (Cr), nickel (Ni), molybdenum (Mo)] | \$20.00 |
| S14 Arsenic (As) | \$25.00 |
| S15 Selenium (Se) | \$25.00 |
| S16 Arsenic + Selenium | \$40.00 |
| S17 Mercury | \$35.00 |
| S18 Gypsum Subsoil Test for Alfalfa | \$7.00 |
| S19 Total Carbon (combustion method) | \$6.00 |
| S20 Total Carbon (C) + Total Nitrogen (N) | \$11.00 |
| S21 Total Carbon (C) + Total Nitrogen (N) + Total Sulphur (S) (combustion method) | \$15.00 |
| Pesticide Analysis in Soil | |
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| <p>To provide proper interpretation, it is very important to submit a representative sample as well as an adequate amount of sample to be analyzed. An additional amount of sample may be required if several tests are requested. Provide sample depth information. The sample should not be dried. Do not submit samples for pesticide analysis in plastic containers.</p> | <div></div> | | | | | | |
| <p>S24 Insecticide Screen [Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endring, Ethion, Heptachlor, Heptachlor Epoxide, Lindane, Malathion, Methoxychlor, Mirex, Parathion, PCB 1242, PCB 1254, PCB 1260, Toxaphene]</p> | <p>\$75.00</p> | | | | | | |
| <p>S25 Herbicide Analysis [Atrazine, Balan, Bromacil, Devrinol, Dual, Eptam, Goal, Hexazinone, Lasso, Ordram, Oxadiazon, Paarlan, Propachlor, Propazine, Prowl, Roneet, Sencor, Simazine, Sutan, Terbacil, Tillam, Tolban, Treflan, Vernam]</p> | <p>\$75.00</p> | | | | | | |
| <p>S26 Phenoxyherbicide Analysis</p> <table data-bbox="204 757 544 869"> <tr> <td>2,4-D</td><td>2,4-DB</td></tr> <tr> <td>2,4,5-T</td><td>Dicamba</td></tr> <tr> <td>Silvex</td><td>Picloram</td></tr> </table> | 2,4-D | 2,4-DB | 2,4,5-T | Dicamba | Silvex | Picloram | <p>\$75.00</p> |
| 2,4-D | 2,4-DB | | | | | | |
| 2,4,5-T | Dicamba | | | | | | |
| Silvex | Picloram | | | | | | |
| <p>S27 Termiticide Analysis Call the Pesticide and Hazardous Waste Laboratory for a written method for taking a composite soil sample from around building foundations.</p> <table data-bbox="204 1097 612 1209"> <tr> <td>Dursban</td><td>Cypermethrin</td></tr> <tr> <td>Chlordane</td><td>Bifenthrin</td></tr> <tr> <td>Pydrin</td><td>Permethrin</td></tr> </table> | Dursban | Cypermethrin | Chlordane | Bifenthrin | Pydrin | Permethrin | <p>\$75.00</p> |
| Dursban | Cypermethrin | | | | | | |
| Chlordane | Bifenthrin | | | | | | |
| Pydrin | Permethrin | | | | | | |
| <p>NOTE: Other insecticide, herbicide, pesticide and termiticide analyses are available upon request. Normal analysis time is approximately two (2) weeks. Faster analysis time is available upon request.</p> | <div></div> | | | | | | |
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